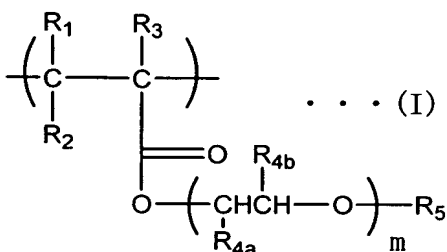
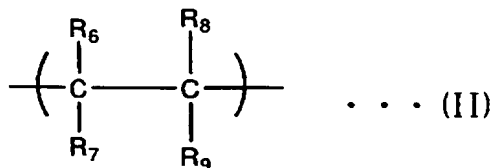


ABSTRACT

The present invention provides a polymer solid electrolyte excellent in thermal properties, physical properties and ion conductivity and being close to practical level; especially, a totally solid electrolyte and a composition for producing the same. A composition for polymer solid electrolyte includes a copolymer having repeating units represented by Formula (I):



(wherein each of R₁ to R₃ independently represents a hydrogen atom or a C₁-C₁₀ hydrocarbon group; R_{4a} and R_{4b} independently represents a hydrogen atom or a methyl group; R₅ represents a hydrogen atom, a hydrocarbon group, an acyl group or a silyl group; and m is an integer of 1 to 100), and repeating units represented by Formula (II):



(wherein each of R₆ and R₈ independently represents a hydrogen atom or a C₁-C₁₀ hydrocarbon group; R₉ represents an organic group having at least one functional group selected from the group consisting of hydroxyl group, carboxyl group, epoxy group, acid anhydride group and amino group); and

an electrolyte salt.